

8th

Summer Vacation

**HOLIDAY
HOMEWORK**

SESSION 2026-27

Make your vacation
meaningful, fun-filled
and full of learning!

Name : _____

Class & Section : _____

Roll No.: _____

EXPLORE

LEARN

ENJOY

GROW

READ

LEARN

GROW



Science

WORKSHEET

1. Tick the correct answer:-

i. Cross breeding is also known as _____

- a. Mixed Cropping b. Harvesting c. Hybridisation

ii. One of the following is not a cereal.

- a. Wheat b. Rice c. groundnut

iii. Rhizobium found in roots nodules of leguminous roots fix _____

- a. Carbon b. Oxygen c. Nitrogen

iv. Yeast is used in the production of

- a. Sugar b. Alcohol c. Oxygen

2. Fill in the blanks :-

i. Penicillium is a

ii. Polio is caused by _____

iii. Alcohol is produced by the help of _____

iv. Rice is a _____ crop.

v. Too much of standing water in any field leads to _____

3. Write one word answer -

a, Unwanted and uncultivated plants that grow with crops.

b, Study of microbes. _____

4. Give the meaning of given word in one line.

- a, Green revolution
b, Pasteurization

Case Study Based

Questions

Case Study 1: Water Conservation

Riya noticed that a lot of water was being wasted in her school due to leaking taps and overflowing tanks. Her science teacher explained the importance of saving water and suggested methods like rainwater harvesting and repairing leaks.

Questions:

1. What is rainwater harvesting?
2. Mention two ways to save water at school and home.
3. Why is water conservation important?
4. Name one method by which groundwater can be recharged.

Case Study 2: Food and Microorganisms

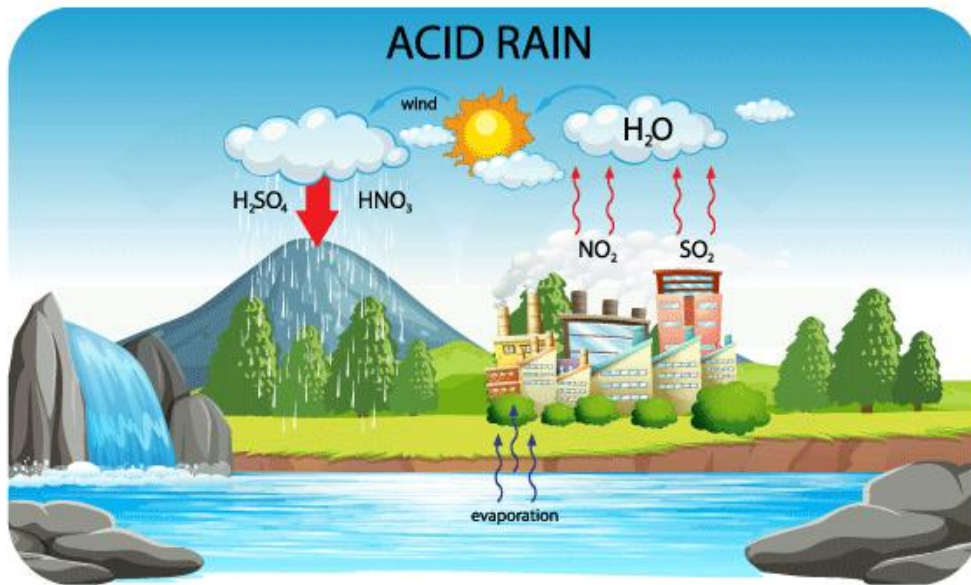
Aman left cooked food outside the refrigerator overnight. By morning, the food had a bad smell and taste. His mother explained that microorganisms grow rapidly on food kept in warm conditions.

Questions:

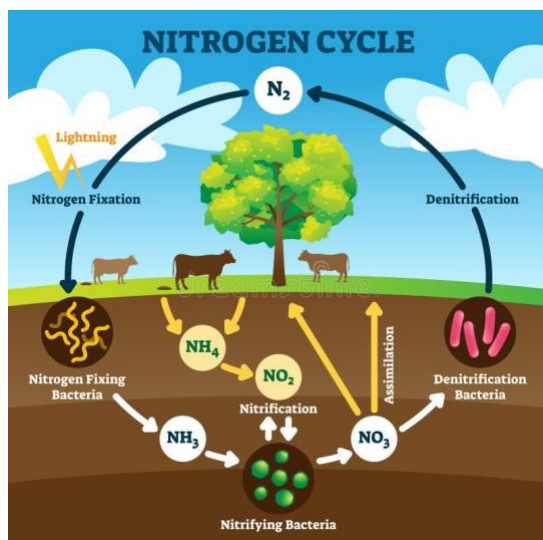
- 1. Why did the food spoil overnight?**
- 2. Name two microorganisms that can spoil food.**
- 3. What is food preservation?**
- 4. Mention two methods of preserving food.**

PROJECT:-

i, Make a 3D model on the topic "Acid Rain". (Roll no. 1 to 11)



ii, Make a 3D model on "Nitrogen cycle" (Roll no. 12 to 24)



*Learn key words of ch-1 to 4.

*Revise all Question/Answers of Ch-1 to 4

हिंदी

ग्रीष्मकाल अवकाश गृह कार्य

प्रश्न1. प्रतिदिन सुलेख लिखें।

प्रश्न2. किसी एक ऐतिहासिक इमारत के चित्र सहित वर्णन।

प्रश्न3. स्वर संधि पर गतिविधि तैयार करे ।

प्रश्न4. प्रतिदिन समाचार पत्र पढ़े उसमें से पाँच कठिन शब्द छाँटकर उनके विलोम शब्द लिखें।

कारक पर कार्यपत्रिका

प्रश्न 1: निम्नलिखित वाक्यों में कारक पहचानिए।

1. राम ने फल खाया। _____
2. सीता स्कूल जाती है। _____
3. मोहन ने कलम से लिखा। _____
4. बच्चे मैदान में खेल रहे हैं। _____
5. माँ ने बेटे को बुलाया। _____

प्रश्न 2: रिक्त स्थान भरिए।

1. कर्ता कारक का चिन्ह _____ होता है।
2. कर्म कारक का चिन्ह _____ होता है।
3. करण कारक का चिन्ह _____ होता है।
4. संबंध कारक का चिन्ह _____ होता है।
5. अधिकरण कारक का चिन्ह _____ होता है।

प्रश्न 3: सही विकल्प चुनिए।

1. "सीमा ने पत्र लिखा।" में कौन-सा कारक है?
(क) कर्म
(ख) कर्ता
(ग) संबंध
2. "रवि ने चाकू से फल काटा।" में "से" कौन-सा कारक है?
(क) करण
(ख) अपादान
(ग) अधिकरण
3. "पुस्तक मेज पर रखी है।" में "पर" कौन-सा कारक है?
(क) संबंध
(ख) अधिकरण
(ग) कर्म

प्रश्न 4: मिलान कीजिए।

स्तंभ 'अ'	स्तंभ 'ब'
कर्ता कारक	से
कर्म कारक	ने
करण कारक	को
संबंध कारक	का, के, की

प्रश्न 5: अपने मन से प्रत्येक कारक का एक-एक उदाहरण लिखिए।

1. कर्ता कारक – _____
2. कर्म कारक – _____
3. करण कारक – _____
4. संबंध कारक – _____
5. अधिकरण कारक – _____

“सिनेमा” पाठ पर वर्कशीट

रिक्त स्थान भरिए

1. “बिन सिनेमा” पाठ के लेखक _____ हैं।
2. सिनेमा मनोरंजन का एक महत्वपूर्ण _____ है।
3. अच्छे सिनेमा से हमें _____ मिलती है।
4. सिनेमा समाज का _____ होता है।

सही या गलत लिखिए

1. सिनेमा केवल बच्चों के लिए होता है। _____
2. सिनेमा से ज्ञान भी प्राप्त होता है। _____
3. अच्छे चलचित्र समाज को सही दिशा देते हैं। _____
4. सिनेमा का हमारे जीवन पर कोई प्रभाव नहीं पड़ता। _____

एक शब्द / एक वाक्य में उत्तर दीजिए

- ### 1. सिनेमा क्या है?

उत्तर: _____

1. अच्छे सिनेमा से क्या लाभ होता है?

उत्तर:

1. सिनेमा समाज को कैसे प्रभावित करता है?

उत्तर:

લઘુ ઉત્તરીય પ્રશ્ન

1. "बिन सिनेमा" पाठ का मुख्य उद्देश्य क्या है?

1. सिनेमा के अच्छे और बुरे प्रभाव लिखिए।

यदि एक दिन सिनेमा न हो तो लोगों के जीवन पर क्या प्रभाव पड़ेगा?

C. True or False

1. Tablets are examples of microcomputers. _____
2. Supercomputers are slower than laptops. _____
3. Embedded computers perform specific tasks. _____
4. Mainframe computers are used in large organizations. _____
5. Desktop computers are portable. _____

D. Short Answer Questions.

1. What is a computer?
2. Write any two features of supercomputers.
3. Differentiate between desktop and laptop computers.
4. What are embedded computers? Give one example.
5. Name any four types of computers.

Worksheet – 2

Topic: Cyber Security & Types of Topology

A. Fill in the blanks

1. _____ protects computers and data from cyber attacks.
2. A secret code used to protect accounts is called a _____.
3. In _____ topology, all computers are connected to a central device.
4. A harmful software program is called a _____.
5. _____ topology forms a closed loop connection.

B. Multiple Choice Questions

1. Which of the following is the safest password?

- a) 123456
b) password
c) Neha@2026#
d) abc123

2. Which topology uses a central hub or switch?

- a) Bus
- b) Star
- c) Ring
- d) Mesh

3. Which of the following is a cyber threat?

- a) Antivirus
- b) Firewall
- c) Virus
- d) Backup

4. Which topology connects all devices with one cable?

- a) Bus
- b) Star

- c) Tree
d) Mesh

5. Which software helps protect a computer from viruses?

- a) Paint
- b) Antivirus
- c) Calculator
- d) Notepad

C. True or False

1. Sharing passwords with friends is safe. _____
2. Antivirus software protects the computer. _____
3. Ring topology forms a circular path. _____
4. Cyber security is not important for internet users. _____
5. Star topology is commonly used in schools and offices. _____

D. Short Answer Questions

1. What is cyber security?
2. Write any three cyber safety rules.
3. Explain Star Topology with a diagram.
4. What is Ring Topology?
5. Name any four types of network topology.

Project Based Activity

Activity – 1: Types of Computers Chart

- Collect or draw pictures of:
- Supercomputer
- Mainframe computer
- Desktop
- Laptop
- Tablet/Smartphone
- Paste them on a chart paper.
- Write 2–3 lines about each type.

Activity – 2: Cyber Security Poster

Make a colourful poster on the topic:

“Stay Safe Online” Include:

- Strong passwords
- Do not share OTP
- Use antivirus
- Avoid unknown links
- Safe internet habits

You may use slogans such as:

Label all devices clearly.

1. Mark and label any 3 Presidency towns under British rule: Bombay, Calcutta, Madras.

3. Shade the region* where the Maratha kingdom started – Western Ghats/Maharashtra.
4. Mark the place* where the Third Battle of Panipat was fought.

E. Learning work

Learn chapter 3 and 4 complete

English

A. Underline the nouns in the following sentences and write their type (e.g., Proper, Common, Abstract, etc.):

- Honesty is the best policy. ()
- The team won the match. ()
- Riya visited London last summer. ()
- Gold is a precious metal. ()
- Laughter is the best medicine. ()

B. Fill in the blanks with correct determiners

1. I bought _____ apple from the market.
2. Do you have _____ money left?
3. He lost _____ book yesterday.
4. _____ girls are waiting outside.
5. _____ dog is very friendly.

C: Identify and circle all nouns in the paragraph below: "My friend Ritu and I went to the zoo on Sunday. We saw lions, elephants, giraffes and a pack of wolves. The weather was nice, and we had fun."

1. Total number of nouns in the passage: _____
2. Write 2 proper nouns: _____
3. Write 2 common nouns: _____
4. Write 1 collective noun (if any): _____
5. Write 1 material noun you might associate with the zoo (your idea): _____

D. Replace the underlined noun with a suitable pronoun

1. Rohit is playing football.
2. The children are sleeping.
3. This book is mine.
4. My brother and I are going to school.
5. The teacher gave us homework.

E. Identify whether the following group of words is a sentence or not:

1. Running in the park
2. She cooked dinner.
3. The long and tiring journey

4. I saw a bird.
5. Went to the market

F. Read the Labels Around You

Choose any 3 items from your home such as your favourite cold drink, biscuit packet, shampoo bottle, chocolate wrapper, chips packet, soap, juice box etc.

Read the labels carefully and write in notebook:

1. Product Name
2. Brand Name
3. Nutritional Value
4. Ingredients
5. Manufacturing Date / Expiry Date
6. Price
7. One slogan or line written on it

G. Write a letter to the principal of your school requesting her to arrange music classes in your school.

H. Write a letter to the principal of his school requesting for a fee concession.

I. Prepare a confident and creative self-introduction in English. Include:

- A powerful opening line
- Your introduction
- Your interests, hobbies, and strengths
- Your goals or ambitions
- One challenge you overcame or lesson you learned
- A confident closing line

J. Watch any one English movie and write a review in 100–150 words.

Suggested Movies:

- Inside Out
- The Pursuit of Happiness
- Finding Nemo

Write:

- Name of the movie
- Main characters
- Your favourite scene

Note:- Make a separate notebook for English holiday homework.

1. मम विद्यालयः अतीव सुन्दरः अस्ति।
2. विद्यालयः नगरस्य मध्ये अस्ति।
3. अस्माकं विद्यालये विशालः क्रीडाङ्गणः अस्ति।
4. सर्वे शिक्षकाः योग्याः सन्ति।
5. छात्राः अनुशासनं पालनं कुर्वन्ति।
6. विद्यालये पुस्तकालयः अपि अस्ति।
7. अहं प्रतिदिनं विद्यालयं गच्छामि।
8. मम प्रियः विषयः संस्कृतम् अस्ति।
9. विद्यालये विविधाः कार्यक्रमाः भवन्ति।
10. मम विद्यालयः मम प्रियः अस्ति।

6. श्लोक लिखिए एवं याद कीजिए
उद्यमेन हि सिध्यन्ति
कार्याणि न मनोरथैः।

न हि सुप्तस्य सिंहस्य
प्रविशन्ति मुखे मृगाः॥

7. परियोजना कार्य (Project Work)

पर्यावरण संरक्षणम्” विषय पर संस्कृत में 12-15 पंक्तियाँ लिखिए तथा चित्र बनाइए।

8. संस्कृत में गिनती (1-30)

1. एकम्
2. द्वे
3. त्रीणि
4. चत्वारि
5. पञ्च
6. षट्
7. सप्त
8. अष्ट
9. नव
10. दश
11. एकादश
12. द्वादश
13. त्रयोदश
14. चतुर्दश
15. पञ्चदश
16. षोडश
17. सप्तदश
18. अष्टादश
19. नवदश

